



# OfficeConnect® Family

## Sales Brief

What is the OfficeConnect® system?



The OfficeConnect® system is a complete, low-cost networking solution, optimized for ease of configuration, use, and support, for small offices. It comprises:

- Two 4-port Ethernet hubs
- Three 8-port Ethernet hubs
- One 16-port Ethernet hub
- One 4-port Fast Ethernet hub
- One 8-port Fast Ethernet hub
- One 12-port Fast Ethernet hub
- One unmanaged switch (four 10 Mbps ports and one 100 Mbps port)
- One managed switch (four 10 Mbps ports and one 100 Mbps port)
- Enterprise and access routers



- One ISDN LAN modem
- One Internet gateway
- Fax, print, and CD-ROM servers from Castelle®

When to sell OfficeConnect

The OfficeConnect family of products allows a small, stand-alone office or small corporate branch office to network effectively by sharing computer and information resources.

Key features and benefits

### *Optimized for small networks*

OfficeConnect products offer the functionality, performance, and technology specifically designed to enable small businesses to work as effectively as larger businesses.

### *Compact size and stackability*

A small footprint and the ability to *clip* together up to four OfficeConnect units in a single stack conserves space.

### *Enterprise routing*

OfficeConnect NETBuilder® routers add enterprise-level routing over multiple WAN services to the OfficeConnect product line.

### *Interoperability*

OfficeConnect products are designed to work together as an integrated system.

### *Reliable and robust*

The OfficeConnect family offers the reliability and robustness you expect from 3Com. Each unit has been specially designed to minimize network downtime.

### *Easy installation and use*

The OfficeConnect Hub 8/TPM includes Transcend® Quick Configuration Manager for rapid configuration and on-site management, allowing networks to be up and running in minutes.

### *Web-based management*

For users who tend to shy away from device management, 3Com's Web-enabled SmartAgent® software lets authorized staff manage the device through a standard Web browser.

### *Simplified administration*

Each OfficeConnect unit has distinctive LEDs to provide a quick view of network activity, power, and collision status.

### *Real economy*

Functionality and price are carefully balanced to provide sensible choices for budget-conscious businesses.

### *Easy scalability*

OfficeConnect products are available in a wide variety of port densities.

 **OFFICE  
CONNECT®**  
*Networks made  
for small offices*



# OfficeConnect Family

## Product Guide

### Hubs

*All OfficeConnect hubs are compatible with Windows 95, NetWare, and other leading network operating systems. Plus they come with stacking clips for secure stacking of multiple OfficeConnect units.*



3C16704

#### *OfficeConnect Hub TP4 (W220 x H35.8 x D135.4 mm)*

Four 10BASE-T ports and diagnostic LEDs for network analysis



3C16703

#### *OfficeConnect Hub TP4Combo (W220 x H35.8 x D135.4 mm)*

Four 10BASE-T ports, a fifth auto-sensing AUI/BNC (10BASE-2) port; diagnostic LEDs for network analysis; display for monitoring network traffic



3C16700

#### *OfficeConnect Hub 8/TPO (W220 x H35.8 x D135.4 mm)*

Eight 10BASE-T ports and diagnostic LEDs for network analysis



3C16701

#### *OfficeConnect Hub 8/TPC (W220 x H35.8 x D135.4 mm)*

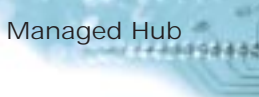
Eight 10BASE-T ports and a ninth 10BASE-2 port; diagnostic LEDs for network analysis; display for monitoring network traffic



3C16702

#### *OfficeConnect Hub TP16C (W220 x H54.6 x D185.4 mm)*

Sixteen 10BASE-T ports and a seventeenth 10BASE-2 port; diagnostic LEDs for network analysis; display for monitoring network traffic



3C16710

### Managed Hub

*OfficeConnect Hub 8/TPM includes Transcend Quick Configuration Manager software, an easy-to-use graphical local management system. Featuring a familiar Windows interface with point-and-click operation, this software allows changes to the hub and monitors the network. The hub can also be managed using a VT100 terminal interface or Telnet. OfficeConnect units can be managed as part of a larger corporate network via SNMP and full RMON (nine groups) using Transcend WorkGroup Manager or Enterprise Manager applications.*

#### *OfficeConnect Hub 8/TPM (W220 x H54.6 x D185.4 mm)*

Eight 10BASE-T ports and a ninth 10BASE-2 port; diagnostic LEDs for network analysis; display for monitoring network traffic; built-in management complete with easy-to-use Transcend Quick Configuration Manager software

### Networking Kit



3C50902B

*A complete networking kit consisting of a hub, network interface cards, cables, and manuals providing everything needed to set up a new network quickly and easily.*

#### *OfficeConnect Networking Kit (For Canada and U.S. only)*

Contains one OfficeConnect TPC hub, three EtherLink® III ISA TPO network interface cards (NICs), three 50 ft UTP cables, one power supply, installation diskette for the NICs, one Getting Connected Guide, stacking clips for up to four OfficeConnect units, rubber feet, and product registration card.



# OfficeConnect Family

## Product Guide

### Fast Ethernet Hubs

*The OfficeConnect range of Fast Ethernet hubs brings high-speed data networking directly to the small office. Even the smallest business can quickly and simply install a Fast Ethernet network. These unmanaged hubs offer plug-and-play installation, no configuration, and an easy-to-read front panel display for monitoring network activity.*



3C16723

#### *OfficeConnect Hub TP400 (W220 x H35.8 x D135.4 mm)*

Four shielded 100BASE-TX ports; diagnostic LEDs for network analysis; Class II Fast Ethernet repeater; MDI/MDIX switch on fourth twisted-pair port



3C16722

#### *OfficeConnect Hub TP800 (W220 x H35.8 x D135.4 mm)*

Eight shielded 100BASE-TX ports; diagnostic LEDs for network analysis; eight network utilization LEDs; Class II Fast Ethernet repeater; MDI/MDIX switch on eighth twisted-pair port



3C16721

#### *OfficeConnect Hub TP1200 (W220 x H54.6 x D185.4 mm)*

Twelve shielded 100BASE-TX ports; diagnostic LEDs for network analysis; twelve network utilization LEDs; Class II Fast Ethernet repeater; MDI/MDIX switch on twelfth twisted-pair port

### Switched Ethernet/ Fast Ethernet

*OfficeConnect switching solutions provide the necessary link between Ethernet and Fast Ethernet OfficeConnect devices and bring relief to congested shared-access networks by segmenting 10 and 100 Mbps network traffic. Choose between the unmanaged OfficeConnect Switch 140 or the OfficeConnect Switch 140M with intuitive, Web-based network management.*



3C16730

#### *OfficeConnect Switch 140 (W220 x H54.6 x D185.4 mm)*

Supplies four unmanaged 10BASE-T ports and one 100BASE-TX switched port. This plug-and-play switch is ideal for relieving data bottlenecks in small Ethernet networks by segmenting 10 Mbps and 100 Mbps network traffic.



3C16731

#### *OfficeConnect Switch 140M (W220 x H54.6 x D185.4 mm)*

Provides four 10BASE-T ports and one 100BASE-TX port; delivers intuitive, "out-of-the-box," Web-based device management to small networks. Ensures the highest possible performance in eliminating network bottlenecks in small, high-traffic networks supporting bandwidth-intensive applications.

### Remote Connectivity

*The OfficeConnect family of remote access routers provides high-performance LAN-to-LAN connectivity—including Internet access—via ISDN or leased lines. Ideal for small businesses or remote offices, these easy-to-use products are part of larger networking environments. All OfficeConnect remote access routers include: IP and IPX routing and bridging, Wizard software for plug-and-play installation and easy Internet connectivity for IP users, as well as support for optional Software Loadable Modules (SLMs) for AppleTalk routing and IPX Internet gateway functionality.*



3C410002

(S/T interface; for all countries except Canada and U.S.)

3C410015

(U interface; for Canada and U.S. only)

#### *OfficeConnect Remote 511 (W220 x H54.6 x D185.4 mm)*

High-speed ISDN connectivity to multiple remote networks



3C410007

(S/T interface; for all countries except Canada and U.S.)

3C410022

(U interface; for Canada and U.S. only)

#### *OfficeConnect Remote 521 (W220 x H54.6 x D185.4 mm)*

High-speed ISDN connectivity to multiple remote networks with voice port for phone and fax connectivity over ISDN



# OfficeConnect Family

## Product Guide

### Remote Connectivity



**3C410012**  
(S/T interface; for all countries except Canada and U.S.)

**3C410027**  
(U interface; for Canada and U.S. only)

#### *OfficeConnect Remote 531 (W220 x H54.6 x D185.4 mm)*

High-speed ISDN and leased-line connectivity to multiple remote networks with voice port for phone and fax connectivity over ISDN

**3C407010**

#### *OfficeConnect Remote/A*

Software Loadable Module upgrade delivers AppleTalk routing for the OfficeConnect Remote 511, 521, and 531 access routers in addition to the IP and Internet access capabilities that are standard for these products. AppleTalk spoofing and Apple GUI installation make this ISDN (and optional leased-line) product unique.



**3C410011**  
(S/T interface; for all countries except Canada and U.S.)

**3C410026**  
(U interface; for Canada and U.S. only)

#### *OfficeConnect gateway 535 (W220 x H54.6 x D185.4 mm)*

A simple way for Novell IPX users to install secure high-speed ISDN or leased-line access to the Internet. Provides facilities for multiple users using one IP address and dispenses with the need for individual IP stacks. Equivalent to OfficeConnect Remote 531 but with bundled gateway SLM.

### Routers



**3C430000**

*The OfficeConnect NETBuilder family of routers is a full-featured, multiprotocol solution for extending corporate intranets to remote offices. OfficeConnect NETBuilder products bring enterprise-level functionality to remote branch offices. All NETBuilder products support all major WAN services, including Frame Relay, ISDN, leased or dial PPP, X.25, and SMDS. The unique 3Com Boundary Routing® system architecture provides routing simplicity, ease of installation, and low-cost deployment.*

#### *OfficeConnect Remote Dual Analog Router (W220 x H54.6 x D185.4 mm)*

Provides near-ISDN speeds over standard analog lines. Lets users combine two analog lines for 112 Kbps (or higher with compression) transmission speeds. Facilitates connections to two locations simultaneously. Supports multiple protocols with a built-in router. Integrated DHCP, PAT, and NAT support manage IP addresses easily by setting up and sharing a pool of IP addresses.



**3C8811** (111 - Boundary router)

**3C8812** (112 - IP/IPX router)

**3C8813** (113 - IBM/SNA boundary router)

**3C8816** (116 - APPN router)

**3C8817** (117 - Full protocol router)

#### *OfficeConnect NETBuilder 11x Series (W220 x H54.6 x D185.4 mm)*

One Ethernet LAN port; one FlexWAN serial port; software loads include boundary router, IP/IPX router (RIP and OSPF IP and NLSP IPX), IBM/SNA boundary router, APPN router, and full protocol router (IP, IPX, AppleTalk, DECnet, VINES, OSI, SDLC, DLSw, LLC2 Tunnel)



# OfficeConnect Family Product Guide

## Routers



- 3C8820 (120 Kf - FRAD load)
- 3C8821 (121 K - Boundary router)
- 3C8822 (122 K - IP/IPX router)
- 3C8823 (123 K - IBM/SNA boundary router)
- 3C8826 (126 K - APPN router)
- 3C8827 (127 K - Full protocol router)

(12x K Series sold in Canada and U.S. only)

### *OfficeConnect NETBuilder 12x K Series (W220 x H54.6 x D185.4 mm)*

One Ethernet LAN port; one FlexWAN serial port; one WAN port with integrated 56 Kbps/64 Kbps CSU/DSU; software loads include FRAD Load (IBM legacy protocols; no LAN), boundary router, IP/IPX router (RIP and OSPF IP and NLSP IPX), IBM/SNA boundary router, APPN router, and full protocol router (IP, IPX, AppleTalk, DECnet, VINES, OSI, SDLC, DLSw, LLC2 Tunnel)



- 3C8851 (141 U - Boundary router)
- 3C8852 (142 U - IP/IPX router)
- 3C8853 (143 U - IBM/SNA boundary router)
- 3C8856 (146 U - APPN router)
- 3C8857 (147 U - Full protocol router)

(14x U Series sold in Canada and U.S. only)

### *OfficeConnect NETBuilder 14x U Series (W220 x H54.6 x D185.4 mm)*

One Ethernet LAN port; one FlexWAN serial port, one ISDN BRI port with integrated NT/1; software loads include boundary router, IP/IPX router (RIP and OSPF IP and NLSP IPX), IBM/SNA boundary router, APPN router, and full protocol router (IP, IPX, AppleTalk, DECnet, VINES, OSI, SDLC, DLSw, LLC2 Tunnel)



- 3C8841 (141 S/T - Boundary router)
- 3C8842 (142 S/T - IP/IPX router)
- 3C8843 (143 S/T - IBM/SNA boundary router)
- 3C8846 (146 S/T - APPN router)
- 3C8847 (147 S/T - Full protocol router)

### *OfficeConnect NETBuilder 14x S/T Series (W220 x H54.6 x D185.4 mm)*

One Ethernet LAN port; one FlexWAN serial port, one ISDN BRI port with S/T interface; software loads include boundary router, IP/IPX router (RIP and OSPF IP and NLSP IPX), IBM/SNA boundary router, APPN router, and full protocol router (IP, IPX, AppleTalk, DECnet, VINES, OSI, SDLC, DLSw, LLC2 Tunnel)

## ISDN LAN Modem



- 3C892  
(For Canada and U.S. only)

*Allows up to four local workstations or PCs to connect on a LAN and share a single ISDN line to the Internet.*

### *OfficeConnect ISDN LAN Modem (W138 x H40 x D220 mm)*

One IP router, four Ethernet ports, two voice fax ports, and one ISDN connection



# OfficeConnect Family

## Product Guide

### Print and Fax Servers by CASTELLE



66298600739



66298600745



66298600932 (U.S.)  
 66298600933 (UK)  
 66298600934 (Int'l)  
 66298600935 (Germany)  
 66298600936 (N'Lands)  
 66298600937 (Japan)

To ensure that the OfficeConnect family offers the best possible print, fax, and CD-ROM servers, 3Com joined forces with Castelle, the experts in this field. 3Com and Castelle have worked together to ensure full software and hardware integration of Castelle's products into the OfficeConnect family for easy one-step installation. These servers are available worldwide through OfficeConnect resellers, distributors, and Castelle partners.

#### OfficeConnect Print Server (W220 x H40.64 x D152.4 mm)

Direct network connection for up to two printers

#### OfficeConnect Fax Server (W220 x H60.96 x D203.2 mm)

Direct sending and receipt of faxes from networked PCs

#### OfficeConnect CD ROM Server (W220 x H40.64 x D152.4 mm)

Network-direct connections for up to seven attached CD ROM drives

### Comparison of 10 Mbps Ethernet Hubs

|                                | 3Com OfficeConnect<br>TP4, TP4Combo,<br>8TP01TPC/TPM, TP16C | D-Link<br>DE-805, TP-809, TP1,<br>TC784C, 811, CAT | Bay<br>NetGear<br>EN104108/116/308 | CISCO<br>CiscoPro<br>2500-Series | Compaq<br>Netelligent<br>1000/1016 | HP<br>AdvanceStack<br>8620U/16U | SMC<br>TigerHubs-<br>TP8TP12 |
|--------------------------------|---|--|------------------------------------|----------------------------------|------------------------------------|---------------------------------|------------------------------|
| Clippable or Stackable         | Y   | N  | N                                  | N                                | N                                  | N                               | N                            |
| Port Density                   | 4/8/16  | 5/8/9/11   | 4/8/16                             | 8/16                             | 8/16                               | 8/16                            | 5/8/9/11                     |
| Noiseless                      | Y (No fan)  | Y  | Y                                  | N                                | N                                  | Y                               | Y                            |
| Alert LED                      | Y   | N  | N                                  | N                                | N                                  | Y                               | N                            |
| Network Utilization LED        | Y   | N  | N                                  | N                                | N                                  | N                               | N                            |
| Common Look & Feel             | Y   | N  | N                                  | N                                | Y                                  | Y                               | N                            |
| LAN-WAN Solution               | Integrated  | Not Integrated                                     | Integrated                         | Not Integrated                   | N                                  | Not Integrated                  | Not Integrated               |
| Integrated Net'g-Print/Fax     | Y   | N  | N                                  | N                                | N                                  | Only Print<br>Not Integrated    | N                            |
| Management Capability          | OfficeConnect Hub 8/TPM                                     | N  | N                                  | Integrated                       | Not 8U & 16U                       | Optional                        | N                            |
| RMON                           | Full 9 Groups   | NA   | NA                                 | N                                | N                                  | N                               | NA                           |
| Quick Config. Management       | Y   | NA   | NA                                 | N                                | N                                  | Limited                         | NA                           |
| LAN Security                   | Y   | N  | N                                  | N                                | Y                                  | N                               | N                            |
| Remote Support Tool (Dial-Out) | Y   | N  | N                                  | N                                | N                                  | N                               | N                            |

### Why 3Com wins!



### Further Product Information

OfficeConnect Quick Reference Guide 100250-00x

OfficeConnect Data Sheet 400211-00x

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